A.N.A.R.T.S. News Bulletin 1365 for 11th September 2005.

Items in this broadcast include

1. Cols Column
2. IPS REPORT
3. VK2SG RTTY DX report
4. OPDX Bulletin excerpts
5. Anarts Information

Col's Column

Early Electrical Communication.

Early Electrical Communications, United States.

In the Spring of 1844, Morse and his assistant Vail, had demonstrated their Telegraph set up between Washington and Baltimore. It was a complete success and the telegraph was firmly established in the U.S.

Vail now invented, completely independent of Morse, a printing telegraph. It printed clear Roman type which was activated by an electro-magnet that pulled down a type-wheel onto a moving roll of paper, the magnet being powered by a signal from line. However, a patent was never taken out due to Vails agreements with Morse.

The 'Printing Telegraph' was re-invented 2 years later by Royal E. House. This was the immediate forerunner of the 'Ticker Tape' in Stock Exchanges.

Various printing telegraphs now came in being, but they fell into disuse when Telegraph Operators, known the U.S. as Telegraphers, found they could quite easily read the message by listening to the clicks of the relay as it opened the Register in the printer. It was easier to write down the message on a message form as it arrived, whereas the message that was printed on a roll of paper tape, had to be pasted on to a Telegraph Message Form.

The last contribution vail made to the telegraph was the 'Sounder', which again he did not patent, making it of uncertain date. The Sounder was basically an electro-magnet that had a spring loaded armature. When the magnet received a signal current, the attached armature struck the magnet pole with a loud click.

This enabled a simple system to come into general use. The system consisted of a Key, Overhead line, and a Sounder at the receive end of the line, and visa versa. This became the universal system all over the U.S. and eventually Europe. Nothing of Morse's original telegraph remained. He was the last of the individual experimenters. From now on new telegraph systems would be produced by commercial interests.

More next week
73's Col VK2CTD

IPS Weekly Solar and Geophysical Report 2/8th Sep

SUMMARY

Date	02	03	04	05	06	07	08	
10cm flux	77	74	75	75	83	100	94	
AFr index	24	20	18	9	6	18	8	est
Aaus index	23	14	16	8	7	5	5	est
T index	16	22	25	23	12	11	22	

Solar flare activity was very low on 2/3rd low on 4/5th moderate on
6/7th and high on 8th.

The following flares were reported
6th one M1
7th one X17 and one M1
8th one X5 two M2 and one M1

Geomagnetic activity observed for the Australian Region was quiet to
minor storm on 2nd quiet to active 3/4th and quiet to unsettled on 5/8th.

Southern Australian Ionospheric F2 critical frequencies were near
predicted on 2nd 4th and 7th depressed 15 percent to near predicted on
3rd and 6th and mostly near predicted on 5th and 8th.

Forecast for 9/15th Sep

Solar activity should be moderate to high.

Geomagnetic activity should be active on 9th active 12/14th and quiet to
unsettled on other days.

Frequencies should be minor to moderate depressions possible on 9th and from
12/14th. Frequencies should be near predicted monthly values on other days.

courtesy of the IPS Radio and Space Services

summary by Pat VK2JPA ANARTS Broadcast Officer

VK2SG RTTY DX NOTES week ending 08 Sep

Our information this week came from AA5AU I5FLN DJ3IW UT5RP GB7DXG UA9CDV
and the OH2AQ DX Summit. Thank you all.

Just in case you hadn't heard, Don and Shay are now temporarily in Lafayette
Louisiana, and a bit closer to home. Don reported that although there seemed
to be no structural damage to his house, both towers suffered and are down
on the ground. Our thoughts and prayers are with him, and with all other
folk affected by this disaster.

Bandpass
Friday 02
0345-14038 9K2YM
0920-14082 EM350A
1057-21086 ON400S
1229-14090 IS0YTA
1245-14086 TM8CDX
1356-14084 IM0MBP
1424-14087 T88GG
1612-14086 TF3GC
1639-14086 4K5D

1643-14088 OO5GY
1644-14090 VR2XLN
1646-14081 4L1DA
1646-14088 ER2NB
1646-14089 VR2XLN
1725-14085 GD0TEP
1900-14084 XU7ABN
1913-7033 T88GG
1931-7040 TM8CDX
1945-7034 EM350AK
1955-7037 TM8CDX
2047-14082 EA2RY/HI7
2113-14083 E060G
2157-14089 HC5T
2252-18104 CE3AKK

Saturday 03
0037-7035 YV6BTF
0118-3587 F6IRF
0134-2108 1YB0DPO
0136-7045 CO2IZ
0141-14085 YV6BTF
0206-7041 YV5AAX
0238-14084 ZL2AMI
0248-21084 YB0JIV
0301-7037 PT7AZ
0317-7041 NP4BM
0402-14081 KH6ZM
0423-14085 ZL4BR
0425-14084 ZL2AMI
0425-7035 F6IRF
0429-14091 UQ1D
0436-7041 ER3ZZ
0439-7036 F4JRC
0445-14082 ZL3JT
0532-7036 ZL2AMI
0630-7036 ON3RON/QRP
0631-14086 TA1EE
0700-14085 VK6GOM
0810-21081 FR1HZ
0857-7029 JA6GCE
0858-7030 ZL2AMI
0900-2107 5UQ1D
0902-7031 VR2XLN
0907-7028 JE1LFX
0909-21085 9G5OO
0928-7034 ZL4BR
0931-14083 PA7HPH
1021-14094 YB5BO
1022-14079 A45WD
1028-14090 YB5QZ
1036-14086 YB0JIV
1119-14094 9G5OO
1124-21080 CX7BF
1214-14075 YB0DPO
1227-21086 PT7AZ
1253-14088 ZL2AMI
1342-7032 JE2UFF
1348-14077 M3VKL
1350-3610 T88GG
1407-14095 YE1D
1423-14083 T88GG
1434-14090 FR1HZ

1438-7034 JM1XCW
1503-14088 YB5BO
1514-7033 VR2XLN
1515-7036 UT3HWW
1523-14094 YB0YIV
1528-14081 YB5QZ
1554-7043 UO6P
1626-14086 HK3WGQ
1629-14088 W6RLL
1700-14086 AP2IA
1729-7028Y B0DPO
1746-14092 PT7AZ
1759-10140 ID9/I5RFD
1804-14091 CU3EJ
1807-28085 LU8ADX
1834-21087 FJ5DX
1847-14079 YV5AAX
1903-7030 ZL2AMI
1909-14078 YV6BTF
1933-14090 EA8RA
1952-3582 ER60V
2040-3587 RK0AXX
2114-14085 NP4BM
2212-14101 9G5OO
2214-7039 G4WFQ
2225-7034 TA1DX
2232-14089 CN8KD
2257-14084 HC2NGF
2301-7043 YV6BTF
2302-7043 PT7AZ
2329-3583 Z31GX
2344-3581 K1TTT
2350-3584 VE9DX
2353-14084 XE1BEF

Sunday 04
0033-14083 HC2NGF
0204-14083 KH6ZM
0811-14084 T77NC
0858-14087 TM8CDX
1148-21078 EA8BZN
1353-14085 T77NC
1510-14082 R270E
1732-10139 IK1HXN
1823-7037 TM8CDX
1944-14076 PS8FAL
2134-14085 YV5KAJ
2150-14087 CO2IZ
2334-14086 EA2RY/HI7
2351-14086 HC2NGF

Monday 05
0252-14082 LW6HAR
1113-28080 W2QO
1122-14080 ED1SDC
1225-14088 SN6RRZ
1343-14086 DU1UGZ
1405-14084 R270E
1420-14085 EA2RY/HI7
1436-14085 FR1HZ
1459-14085 TF3GC
1600-14085 TM0JPL
1647-18102 A6/ON5NT

1701-10140 ID9/I5RFD
1904-7037 TM8CDX
2003-14082 CN8KD
2004-14080 PY7ZZ
2110-14086 FM5AA
2126-14086 CE3CDV
2225-14084 EA2RY/HI7
2302-14084 HI3TEJ

Tuesday 06
0955-14085 TM0JPL
1038-14080 CU6NS
1131-14080 VK3BF
1225-14083 TI0SP
1232-14082 9K2CQ
1239-14087 ID9/I5RFD
1240-21080 CU6NS
1245-21085 ZS6BBK
1255-14083 TI0SP
1300-14086 UN7EG
1334-14084 VK2KM
1504-14090 4K5D
1531-14085 TF3GC
1556-14087 HZ1NH
1746-14088 CK8KD
1752-14087 G1HHD
1857-14083 TA1DX
1909-14084 EA2RY/HI7

1917-7038 TM8CDX
1918-7035 EM350AK
1921-10139 X0RY
1952-10139 TM8CDX
2110-14088 CE3CDV
2222-10138 SP9FKQ
2224-10137 W2RZS
2337-14087 W2TGP/HK4

Wednesday 07
0033-14084 EA2RY/HI7
0904-14083 CU6NS
1231-18102 EA2RY/HI7
1306-14084 TI0SP
1331-14084 JT1CO
1339-18100 TM8CDX
1438-18105 VQ9LA
1459-18103 7X0RY
1603-18100 TI0SP
1633-18103 VQ9LA
1706-10140 ID9/I5RFD
1711-14088 A92GR
1715 to 1900 Bands dead - solar flare
1912-10139 TM8CDX
1922-10141 7X0RY
1953-14084 CU6NS
2043-10137 TA1DX
2301-14084 XE1NK

Thursday 08
0020-14085 GOTOG
0727-10137 TM8CDX
0836-18102 TM8CDX
0848-18103 CT1CBI

0854-18104 OK1MSP
0914-18100 RX0AT
0933-18101 RW3DQC
1027-18104 SV1GYG
1054-24912 SV1GYG
1137-14088 9K2CQ
1216-14083 9H4CM
1256-14082 7L1WII
1301-14086 VK2KM
1332-18106 VQ9LA
1342-14085 YB5QZ
1344-18103 7X0RY
1351-18103 TI0SP
1434-18102 UA2FX
1442-14082 A6/ON5NT
1717-18103 VQ9LA
1848-10140 UA0LH

The VK2SG RTTY DX NOTES are distributed every week via the Winlink network and are also available on the Internet at URL http://mailman.qth.net/mailman/listinfo/vk2sg-rtty and the digital-dx reflector.

To subscribe to the digital-dx reflector send an e-mail message to majordomo at mla.nifty.ne.jp as follows
Subject:(blank) Message Body: subscribe digital-dx

I am covering for Don again this week so please send your bandpass and notes of interest to me at the email address listed below.

GL and GD RTTY DX de Phil GU0SUP pcooper at guernsey.net

The Ohio/Penn DX Bulletin No. 725 - excerpts

7P, LESOTHO
Jun JH4RHF/OE1ZKC has plans to be active from here starting Sep 24 for one week (til Oct 2). He has requested the callsign 7P8RH. Jun states to OPDX 'Actually it is an 'excursion' after my duty trip to South Africa. Everything will be arranged by famous DX Safari by ZS6WPX. His equipment will be 15m Mobile trailer with Cushcraft A4S (+-40m) 12/17m beam stacked on top Vertical for 40m and 80m (+-trap for 160m) and a Yaesu FT1000MP w/TL922. This will be a one man effort and he hopes to be active as much as possible. Activity will be on 160-10m SSB CW and RTTY (probably more CW/RTTY than SSB) SSTV on request(?). He hopes to do some RTTY for the WW RTTY Contest during the weekend. Jun may stay on the low bands longer due to the propagation. QSL via OE1ZKC.

9H, MALTA
Several members of the Dutch VRZA will be active from Qawra (JM75fv) starting Sep 10 thru Oct 3. The callsign for the group will once again be 9H0VRZ. However group members will also use their individual 9H3 callsign. Activity will be on all bands from 80-6m CW SSB and Digital modes. Also, 160m activity is planned from Baghria together with some Maltese amateurs using a 150 ft high antenna. They will try to activate their special callsign 9H0VRZ for the whole period and hope for good conditions. Operator Nico PA0MIR will try and operate in both legs of the SAC Contest and may try some casual operations in the WAE SSB Contest. Also he may look for Oceania stations the first weekend of Oct if the antennas will stay up in good form.

ANTARCTIC QSL GALLERY
Gianni I1HYW informs OPDX that the Dynamic DX Charterhouse (www.ddxc.net)
and the Worldwide Antarctic Programs (WAP - www.ddxc.net/wap)
NEW QSL Antarctic and Sub Antarctics Gallery is now available to visit via
their Web pages. Just to summarize The Gallery contains 677 pictures, split
into 53 Albums and 11 Categories. They are continuing to insert more Antarctic
pictures such as Bases and operators (there are more than 1000 waiting to be on
added to the gallery).

J3, GRENADA
PZK and SPDX Club members Wojciech/SP9PT and Marek/SP9BQJ will be going here
to be active Oct 26/Nov 8. They have confirmation of their licences and will
receive callsigns after their arrival (they will probably use J3/SP9PT and
J3/SP9BQJ). Activity will be 40-6m and depending on their local situation
also 80/160m. Modes will be CW SSB RTTY and PSK31. QSL via their home callsigns.

XL/XM/XN/XO, CANADA (Special Event)
Industry Canada has authorized the use of the following special callsign
prefixes to commemorate the 25th anniversary of Terry Fox's run across Canada.
All Canadian Radio Amateurs are encouraged to use these special prefixes for the
month of Sep. The following special prefixes will be in effect from Sep 1-30th
(Original - Special Prefix): VE - XM VA - XL VO - XN and VY - XO.

The Society can be contacted in the following ways
To Pat VK2JPA via patleeper at optusnet.com.au or
Col VK2CTD via ctdavies at bigpond.net.au or
you can drop a line to P.O. Box 93 Toongabbie, NSW 2146.
73's for this week from Pat VK2JPA Broadcast Officer
NNNN